ELSEVIER

Molecular Basis of Disease

Vol. 1408, 1998

BIOCHIMICA ET BIOPHYSICA ACTA
BBA

Cumulative Contents

Information for Contributors vii

Review

Molecular mechanisms of cholestasis: causes and consequences of impaired bile formation
N.R. Koopen, M. Müller, R.J. Vonk, P. Zimniak and F. Kuipers (The Netherlands, USA) 1

Regular papers

A novel stop codon mutation (X417L) of the ferrochelatase gene in bovine protoporphyria, a natural animal model of the human disease
M.M. Jenkins, R.D. LeBoeuf, G.R. Ruth and J.R. Bloomer (USA) 18

Molecular cloning and characterization of a cDNA encoding canine type VII collagen non-collagenous (NC1) domain, the target antigen of autoimmune disease epidermolysis bullosa acquisita (EBA)
L. Xu, M. Chen, J. Peng, E.A. O'Toole, D.T. Woodley and L.S. Chan (USA) 25

Pregnancy alters the in vitro responsiveness of the rabbit medial collateral ligament to neuropeptides: effect on mRNA levels for growth factors, cytokines, iNOS, COX-2, metalloproteinases and TIMPs
D.A. Hart and C. Reno (Canada) 35

Effects of ethanol on the expression and secretion of bile salt-dependent lipase by pancreatic AR4-2J cells
J. Le Petit-Thevenin, E. Pasqualini, O. Nobili, A. Vérine and D. Lombardo (France) 44

Inhibition of PMN- and HOCl-induced vascular injury in isolated rabbit lungs by acetylsalicylic acid: a possible link between neutrophil-derived oxidative stress and eicosanoid metabolism?
H. Wahn and S. Hammerschmidt (Germany) 55

Lumbricin I, a novel proline-rich antimicrobial peptide from the earthworm: purification, cDNA cloning and molecular characterization
J.H. Cho, C.B. Park, Y.G. Yoon and S.C. Kim (South Korea) 67

Reviews

Editorial
L.M.G. van Golde (The Netherlands) 77

Pulmonary surfactant: functions and molecular composition
J. Goerke (USA) 79

The role of lipids in pulmonary surfactant
R. Veldhuizen, K. Nag, S. Orgeig and F. Possmayer (Australia, Canada) 90

Structure, processing and properties of surfactant protein A
F.X. McCormack (USA) 109

Regulation of expression of surfactant protein-A
C.R. Mendelson, E. Gao, J. Li, P.P. Young, L.F. Michael and J.L. Alcorn (USA) 132

Structure and properties of surfactant protein B
S. Hawgood, M. Derrick and F. Poulain (USA) 150

Structure and properties of surfactant protein C
J. Johansson (Sweden) 161

Synthesis, processing and secretion of surfactant proteins B and C
T.E. Weaver (USA) 173

Formation and structure of surface films: captive bubble surfactometry
S. Schürch, F.H.Y. Green and H. Bachofen (Canada, Switzerland) 180

Interfacial properties of surfactant proteins
J. Pérez-Gil and K.M.W. Keough (Canada, Spain) 203

Surfactant protein metabolism in vivo
M. Ikegami and A.H. Jobe (USA) 218

Regulatory mechanisms of surfactant secretion
R.J. Mason and D.R. Voelker (USA) 226

Interactions of surfactant protein A with epithelial cells and phagocytes
M.J. Tino and J.R. Wright (USA) 241

Interactions of surfactant protein A with pathogens
H.P. Haagsman (The Netherlands) 264

Structure, biologic properties, and expression of surfactant protein D (SP-D)
E.C. Crouch (USA) 278

Interactions of surfactant protein D with pathogens, allergens and phagocytes
K.B.M. Reid (UK) 290
Surfactant protein A (SP-A) gene targeted mice
T.R. Korfhagen, A.M. LeVine and J.A. Whitsett (USA) 296
Regulation of surfactant protein gene transcription
J.A. Whitsett and S.W. Glasser (USA) 303
Genetics of the hydrophilic surfactant proteins A and D
J. Floros and R.R. Hoover (USA) 312
Genetics of the hydrophobic surfactant proteins
L.M. Nogee (USA) 323
Surfactant proteins A and D: disease markers
Y. Kuroki, H. Takahashi, H. Chiba and T. Akino (Japan) 334
Principles of surfactant replacement
B. Robertson and H.L. Halliday (Sweden, UK) 346

Cumulative Contents, Vol. 1408 363

Author Index 365